

**ORIGINAL**

**TSCA NON-CONFIDENTIAL BUSINESS INFORMATION**

DOCUMENT DESCRIPTION

DATE RECEIVED

CAS SEARCH L-15-0445

OCT 16 2015

COMMENTS:

**DOES NOT CONTAIN CBI**

RECEIVED  
OPPT CBIC

2015 OCT 16 AM 10:22

**TRACKING SHEET**  
for  
**PMNS, Ls, Is, TMEAs and Xs**

Industrial Chemistry Branch

ECONOMICS, EXPOSURE AND TECHNOLOGY DIVISION

Document Control Number 53150000445

PMN \_\_\_\_\_

Class I II/CASRN \_\_\_\_\_

L ✓

IN-House Search \_\_\_\_\_

I \_\_\_\_\_

Contains No CBI

TMEA \_\_\_\_\_

L-15-445

X \_\_\_\_\_

Received by ICB KLG Date 9/29/15

IES Order Number \_\_\_\_\_

Pages sent to CAS 4, 5, 6

Results of the CAS Search:

ON Inv \_\_\_\_\_ Not On ✓

Problems \_\_\_\_\_

Results received in ICB from the contractor in CBIC ms Date Oct. 1, 2015

Results reviewed by ICB Chemist for file KLG Date 10/16/15

CHEMICAL ABSTRACTS SERVICE

CONTRACT EP-W-13-008

PMN/TME/Low Volume/Polymer Ex.

Search Results

SEARCH RESULTS	CA INDEX NAME/CAS PREFERRED NAME/PROBLEM STATEMENT
<p>L-15-0445</p> <p>NOT ON</p>	<p>355-04-4</p> <p>Pentane, 1,1,1,2,2,3,3,4,5,5,5-undecafluoro-4-(trifluoromethyl)-</p> <p>✓</p>

Contains No CBI

RECEIVED/SENT

SEP 29 2015

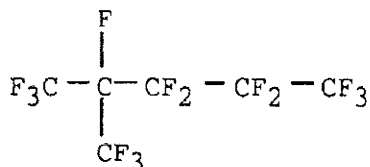
CAS DCO

2:15 PM

1  
KF

L-15-0445

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2015 ACS on STN  
RN 355-04-4 REGISTRY REGISTRY COPYRIGHT 2015 ACS on STN  
RN 355-04-4 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Pentane, 1,1,1,2,2,3,3,4,5,5,5-undecafluoro-4-(trifluoromethyl)- (CA  
INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Pentane, undecafluoro-2-(trifluoromethyl)- (6CI, 7CI, 8CI)  
OTHER NAMES:  
CN 1,1,1,2,2,3,3,4,5,5,5-Undecafluoro-4-(trifluoromethyl)pentane  
CN 2-(Trifluoromethyl)perfluoropentane  
CN Perfluoro(2-methylpentane)  
CN Tetradecafluoro-2-methylpentane  
CN Undecafluoro-2-(trifluoromethyl)pentane  
DR 93492-02-5  
MF C6 F14  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, IFIALL,  
REAXYSFILE\*, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



Contains No CBI

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

100 REFERENCES IN FILE CA (1907 TO DATE)  
100 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RECEIVED/SENT

SEP 23 2015

CAS DCO

2:15 PM



PMN2015P4

L-15-445

J. Matthey

NON-CBI SUBMISSION

## PMN Page 4

## Part I - GENERAL INFORMATION -- Continued

## Section B - CHEMICAL IDENTITY INFORMATION:

You must provide a currently correct Chemical Abstracts (CA) name of the substance based on current CA index nomenclature rules and conventions.

Mark (X) the "Confidential" box next to any item you claim as confidential

Complete either item 1 (Class 1 or 2 substances) or 2 (Polymers) as appropriate. Complete all other items.

If another person will submit chemical identity information for you (for either Item 1 or 2), mark (X) the box at the right. Identify the name, company, and address of that person in a continuation sheet. ☐

1. Class 1 or 2 chemical substances (for definitions of class 1 and class 2 substances, see the Instructions Manual)

Class 1

Class 2

CBI

a. Class of substance - Mark (X)

b. Chemical name (Currently correct Chemical Abstracts (CA) Name that is consistent with TSCA Inventory listings for similar substances. For Class 1 substances a CA Index Name must be provided. For Class 2 substances either a CA Index Name or CA Preferred Name must be provided, which ever is appropriate based on current CA index nomenclature rules and conventions). ☐

Perfluoro-2-methylpentane

See Attachment 6, STN Report

CAS Registry Number (if a number already exists for the substance)

355-04-4

c. Please identify which method you used to develop or obtain the specified chemical identity information reported in this notice: (check one).

**Method 1** (CAS Inventory Expert Service - a copy of the Identification report obtained from the CAS Inventory Expert Services must be submitted as an attachment to this notice) ☐IES Order  
Number**Method 2**  
(Other  
Source) ☒Enter Attachment filename for Part I, Section B, 1. c. ☐

d. Molecular formula

C6 F14 ☐e. For a class 1 substance, provide a complete and correct chemical structure diagram. For a class 2 substance, provide a correct representative or partial chemical structure diagram, as complete as can be known, if one can be reasonably ascertained. ☐

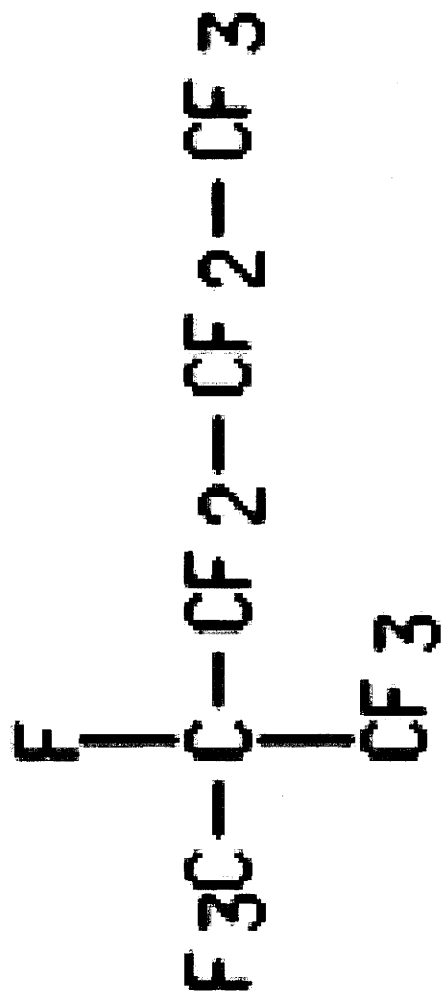
See Attachment 003 (355-04-4 Structure.pptx)

Contains No CBI

Enter Attachment filename for Part I, Section B, 1. e.

355-04-4 Structure.pptx ☐

Tracer



(p5)

L-15-445

=> s 355-04-4

L1 1 355-04-4  
(355-04-4/RN)

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2015 ACS on STN  
RN 355-04-4 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Pentane, 1,1,1,2,2,3,3,4,5,5,5-undecafluoro-4-(trifluoromethyl)- (CA  
INDEX NAME)

OTHER CA INDEX NAMES:

CN Pentane, undecafluoro-2-(trifluoromethyl)- (6CI, 7CI, 8CI)

OTHER NAMES:

CN 1,1,1,2,2,3,3,4,5,5,5-Undecafluoro-4-(trifluoromethyl)pentane

CN 2-(Trifluoromethyl)perfluoropentane

CN Perfluoro(2-methylpentane)

CN Tetradecafluoro-2-methylpentane

CN Undecafluoro-2-(trifluoromethyl)pentane

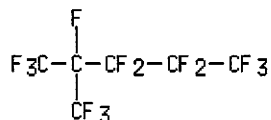
DR 93492-02-5

MF C6 F14

CI COM

SR CA

LC STN Files: CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, IFIALL,  
REAXYSFILE\*, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

100 REFERENCES IN FILE CA (1907 TO DATE)

100 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

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